

MODEL: PPM-2-3511-SG1 | **DESCRIPTION:** DC POWER PLUG**FEATURES**

- designed for overmolding
- 5 A rating
- groove for locking
- spring center pin

**SPECIFICATIONS**

| parameter | conditions/description | min | typ | max | units |
|-----------------------|----------------------------------|-----|-------|-----|--------|
| rated input voltage | | | 24 | | Vdc |
| rated input current | | | | 5 | A |
| contact resistance | between plug and jack | | | 30 | mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion force | when mating with a standard jack | 0.5 | | 2.0 | kgf |
| withdrawal force | when mating with a standard jack | 0.3 | | 1.5 | kgf |
| operating temperature | | -25 | | 70 | °C |
| operating humidity | | | | 85 | % |
| life | | | 5,000 | | cycles |
| flammability rating | see material table | | | | |
| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 1 second | 380 | 400 | 420 | °C |

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 06/18/2018 |

The revision history provided is for informational purposes only and is believed to be accurate.



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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